

Converting Colors

`RYB(189, 174, 166)`

Have a look what the booklet for
RYB(189, 174, 166) contains.

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Color

$\text{RYB}(189, 174, 166)$

Conversions

Conversions Part 1

Format	Color
Hex	BDACA6
RGB	189, 172, 166
RGB Percent	74%, 67%, 65%
CMY	0.2588, 0.3257, 0.3490
CMYK	0.00, 0.09, 0.12, 0.26
HSL	15°, 15%, 70%
HSV	15°, 12%, 74%
XYZ	42.6094, 43.0525, 42.1406
YIQ	176.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

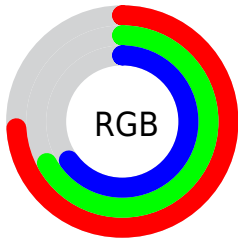
Format	Color
R _Y B	189, 174, 166
Decimal	12430502
CIE Lab	71.59, 5.13, 5.27
CIE LCh	72, 7.350, 45.783
Yxy	43.0525, 0.3334, 0.3369
Android (android.graphics.Color)	4290620582 (0xFFBDACA6)
YUV	176.3990, -5.1267, 11.0511
Hunter-Lab	65.6144, 1.0912, 7.8513

Details

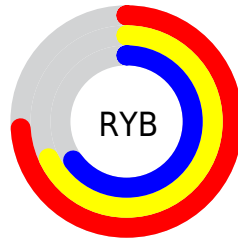
The RYB color **189, 174, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 176, 189**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **245, 229, 221**, and **136, 122, 114** is the 20% darker color. If you saturate the color by 10%, you get **189, 162, 147**, and if you desaturate by 10%, it is **189, 186, 185**.

Distribution



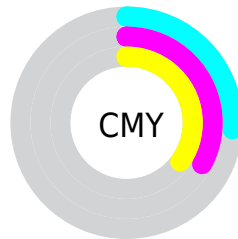
- Red (74%)
- Green (67%)
- Blue (65%)



- Red (74%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (26%)



- Cyan (26%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 174, 166 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 189, 174, 166 by changing the saturation by 10% instead.

 189, 174, 166

255, 255, 255

 245, 229, 221

 250, 255, 250

 189, 174, 166

 162, 146, 140

 136, 122, 114

 110, 97, 90

 86, 73, 66

 62, 51, 44

 40, 29, 24

 20, 2, 0

 0, 0, 0

 189, 174, 166

 189, 174, 166

■ 189, 162, 147

■ 189, 186, 185

■ 189, 150, 128

■ 189, 195, 204

■ 189, 137, 109

■ 189, 203, 223

■ 189, 125, 90

■ 189, 211, 242

■ 189, 112, 72

■ 189, 218, 255

■ 189, 100, 53

■ 189, 222, 255

■ 189, 88, 34

■ 189, 76, 15

■ 189, 66, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 171, 172



189, 174, 166



182, 184, 163

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 174, 166



163, 173, 179



173, 175, 188

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189, 174, 166



166, 176, 189

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



165, 173, 188



189, 174, 166



159, 169, 179

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 174, 166



166, 178, 175



160, 171, 185



181, 173, 185

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 174, 166



169, 180, 162



160, 171, 185



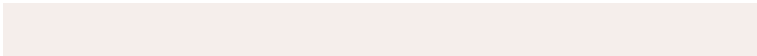
170, 174, 189

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189, 174, 166



245, 239, 235



189, 166, 183



122, 119, 116



250, 250, 250



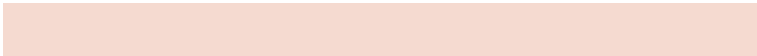
122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 174, 166



245, 222, 208



174, 189, 166



94, 88, 85



158, 55, 0



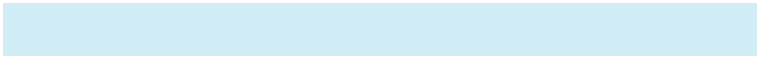
31, 11, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166, 176, 189



208, 224, 245



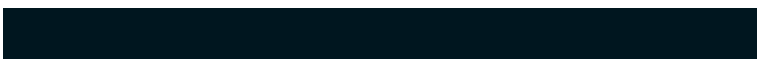
166, 171, 189



85, 89, 94



0, 67, 158



0, 13, 31

Previews

White Background



This preview shows how the RYB color 189, 174, 166 looks on a white background.

Color Contrast Check

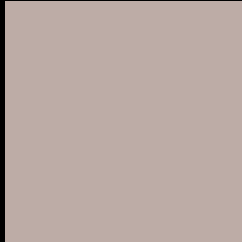
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 189, 174, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

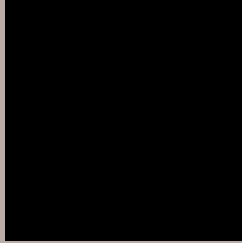
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

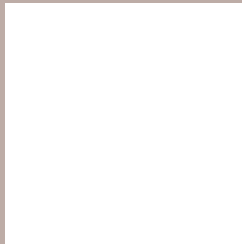
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 189, 174, 166 Background



This preview shows how black text looks on a background with the RYB color 189, 174, 166.



This preview shows how white text looks on a background with the RYB color 189, 174, 166.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
189, 174, 166

Protanopia
177, 180, 168

Deuteranopia
196, 169, 166



Tritanopia
191, 169, 183

Trichromacy



Original Color

189, 174, 166

Protanomaly

183, 179, 167

Deuteranomaly

193, 171, 166

Tritanomaly

190, 170, 177

Monochromacy



Original Color

189, 174, 166

Achromatopsia

176, 176, 176

Achromatomaly

181, 177, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 174, 166 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(189, 172, 166) looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 166) }
```

Border

The CSS property to change the border of an element to RYB 189, 174, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

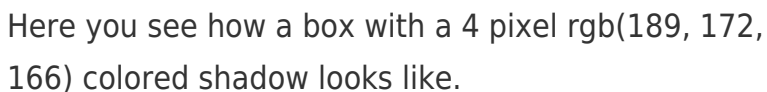
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 172, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 172, 166) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(189, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 172, 166); box-shadow:4px 4px 4px 4px rgb(189, 172, 166) }
```

Background

The CSS property to change the background color of an element to RYB 189, 174, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
172, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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